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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL REVIEW OF CORRECTIVE ACTION PLAN DATED 13 APRIL
2001 AND MONITORING WELL INSTALLATION APPROVAL FOR ZONE G AREA 19 CNC
CHARLESTON SC
04/24/2001
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



24 April 2001

2600 Bull Street
Columbia, SC 29201-1708

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DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NAVAL FEC
GABRIEL MAGWOOD
2155 EAGLE DRIVE
N. CHARLESTON SC 29406

RE: Zone G, Area 19
Charleston Naval Complex
Site Identification # 01189
Corrective Action Plan received 13 April 2001
Charleston County

Dear Mr. Magwood:

The Department has completed technical review of the referenced document. As submitted, the Corrective Action Plan (CAP) provides an outline of activities designed to remediate hydrocarbon contamination in soils at this site.

Proposed corrective action activities consist of soil removal and offsite treatment to eliminate the source area. Once contaminated soils have been removed, additional monitoring wells will be installed in order to examine groundwater quality in the vicinity of Area 19. Three wells have been proposed as part of the CAP, the Department reserves the right to require additional wells based on the results of the soil removal activities. A permit to install additional monitoring wells has been included with this correspondence.

The request to initiate corrective action activities as outlined in the reference document is approved for implementation. Please provide the Department with a schedule for implementation of activities at this site. Once excavation activities have been completed, a completion report should be submitted to the Department and groundwater monitoring should commence as described in the CAP.

Should you have any questions please contact me at 803-898-3553 (office phone), 803-898-3795 (fax) or by e-mail bishopma@columb32.dhec.state.sc.us.

Sincerely,

Michael A. Bishop, Hydrogeologist
Groundwater Quality Section
Bureau of Water

Enc: Monitoring Well Approval (#1081)

cc: Trident District EQC (w/enc)
Mihir Mehta, SCHDEC-BLWM (n/enc)
Brian Crawford, CNC, 1848 Ave. F, N. Charleston, SC 29405 (w/enc)
Keith Collinsworth, EQC Admin (n/enc)
Technical File



2600 Bull Street
Columbia, SC 29201-1708

Date of Issue: 04/24/2001
Approval No: 1081

COMMISSIONER:
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Monitoring Well Installation Approval

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Approval is hereby granted to: Department of the Navy - CNB
Site ID#: 01189
County: Charleston

This approval is for the construction of monitoring wells designated in accordance with the construction plans and technical specifications submitted to the Department in the correspondence dated April 2001 and South Carolina Well Standards and Regulations R. 61-71. The well(s) are to be constructed within the surficial aquifer for the intended purpose of monitoring groundwater quality at the referenced facility. Approval is provided with the following conditions:

1. The surveyed elevations, boring and/or geologist logs and actual (as built) construction details for each well be submitted to the Department with the completed report.
2. Well construction and sampling derived waste including, but not necessarily limited to, drill cuttings, drilling fluids, development and purge water should be managed properly and in compliance with applicable requirements. If containerized, each vessel should be clearly labeled with regard to contents, source, and date of activity.
3. A minimum of forty-eight (48) hours prior to initiation of drilling activities, please provide notice to the project manager, Michael A. Bishop at (803) 898-3553 or e-mail bishopma@columb32.dhec.state.sc.us.
4. Please provide groundwater quality analytical data (chemical analyses and/or water level(s)) and associated measurements (i.e., *in-situ* field measurements) with the completed assessment report.
5. All wells shall be installed by a well driller certified by the State of South Carolina.
6. Each well shall be labeled with an identification plate constructed of a durable material affixed to the casing or surface pad where it is readily visible. The plate shall provide monitoring well I.D.#, date of construction, static water level, and driller name and state certification number.
7. Wells shall be abandoned per R.61-71.10.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and the Department of Health and Environmental Control Regulations R.61-71.

Approved by:

Michael A. Bishop, Hydrogeologist
Groundwater Quality Section
Bureau of Water